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(54) Encrypting keypad module

(57) An encrypting keypad module (10) comprising a keypad (12) and an encryption unit (14) is described. The module (10) includes a reader (16) (such as a Smart card reader) for receiving a removable secure device (50) (such as a Smart card). The keypad module (10) is operable to communicate with the Smart card (50) and

to receive secure data therefrom. This secure data may relate to a new PIN key, a new encryption algorithm for use with a PIN key, or such like. An encrypting keypad system, and a method of changing secure information stored in an encrypting keypad module, are also described.

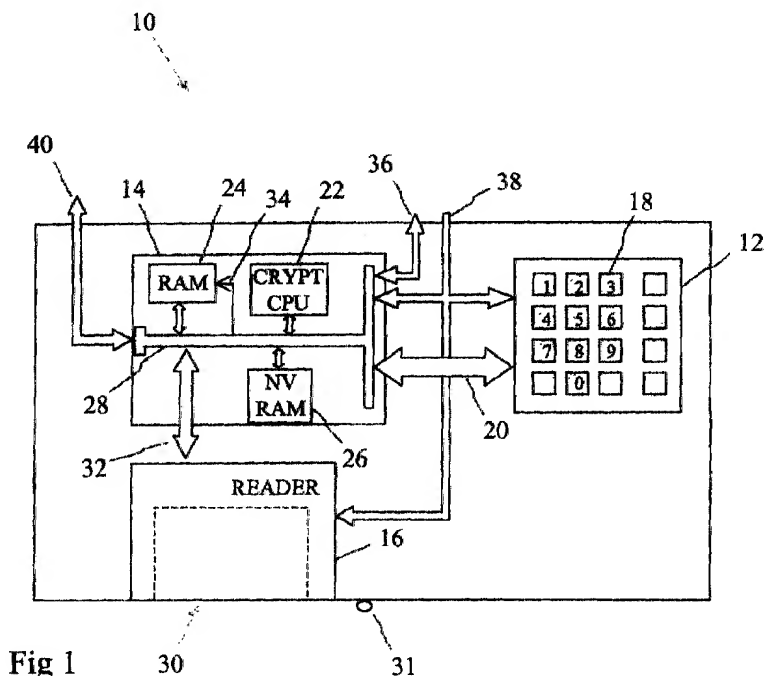


Fig 1



European Patent  
Office

# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 2228

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A	* column 1, line 47 - line 65 * * column 4, line 37 - column 6, line 48; figure 1 *	2,4	
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A	* column 4, line 23 - column 6, line 54 * * column 8, line 8 - column 9, line 22; figures 2,3,11 *	2-5,7	
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A	* column 1, line 44 - column 2, line 26 * * column 2, line 61 - column 8, line 43; figure 1 *	2,3,5,7	
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7) G07F
Place of search	Date of completion of the search	Examiner	
THE HAGUE	22 January 2003	Rivero, C	
CATEGORY OF CITED DOCUMENTS		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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